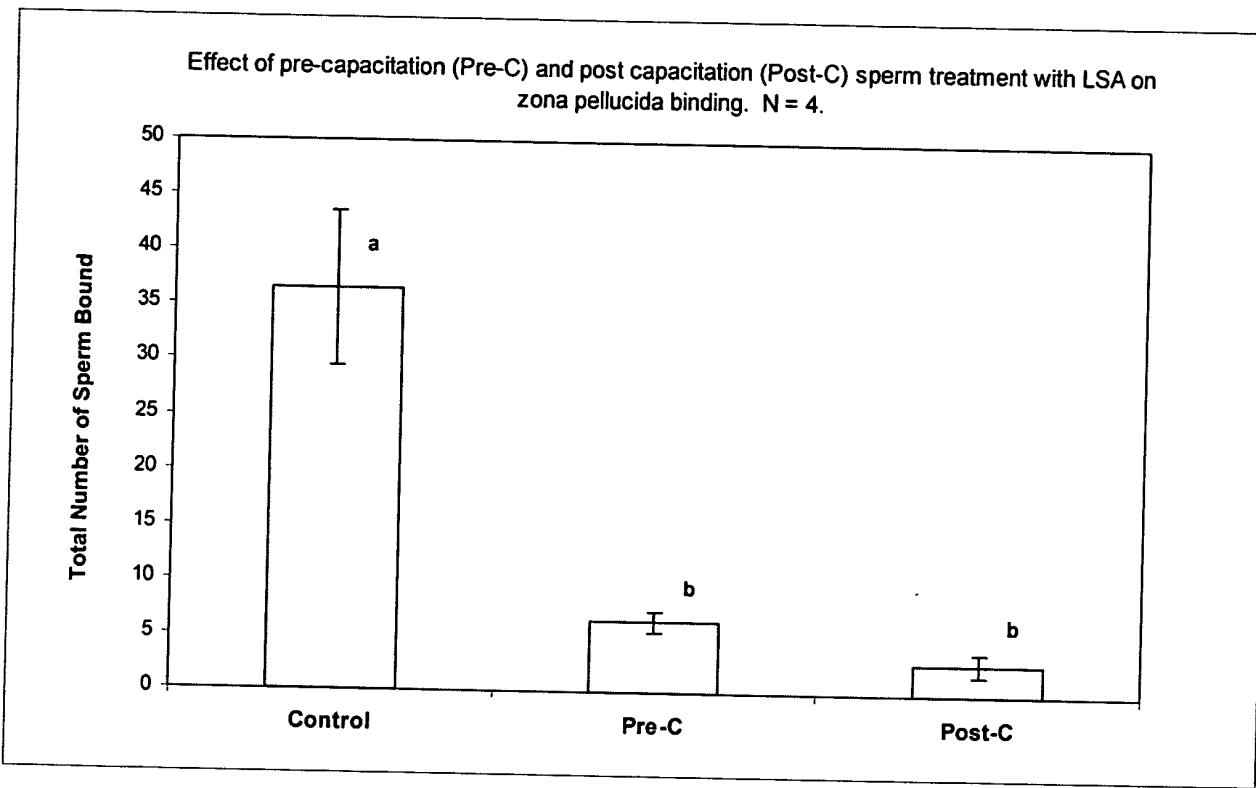


# Figure 1



2003 T 30 " 2006 9 2007

## Figure 2

Percent Motility (%Mot) and Progression (Prog) of Sperm Treated with 1.5 mg/ml of LSA; Pre-Wash (PW) and Post -Capacitation (PC). Zona Binding Assay (ZBA) and IVF.

Male	ZBA				IVF			
	Control % Mot Prog	PW % Mot Prog	PC % Mot Prog	Male	Control % Mot Prog	PW % Mot Prog	PC % Mot Prog	
876	70	3	60	2	72	3	361	78
70	71	3	78	3	83	3	776	56
711	80	4	76	3	73	4	776	68
776	76	3	85	4	82	4	70	63
—	—	—	—	—	—	—	—	—
Mean	74.3	3.3	74.8	3.0	77.5	3.5	Mean	66.3
SEM	2.7	0.3	6.1	0.5	3.4	0.3	SEM	5.3

Figure 3

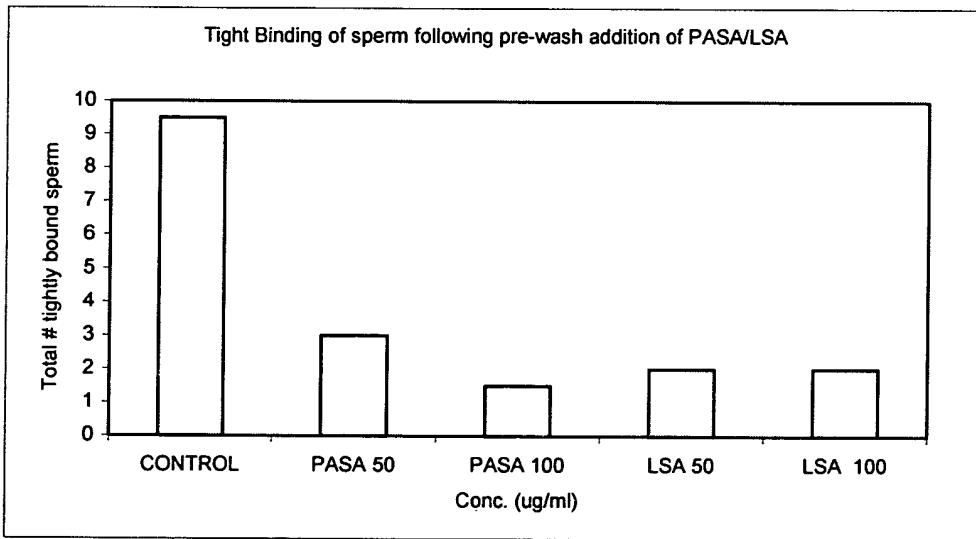
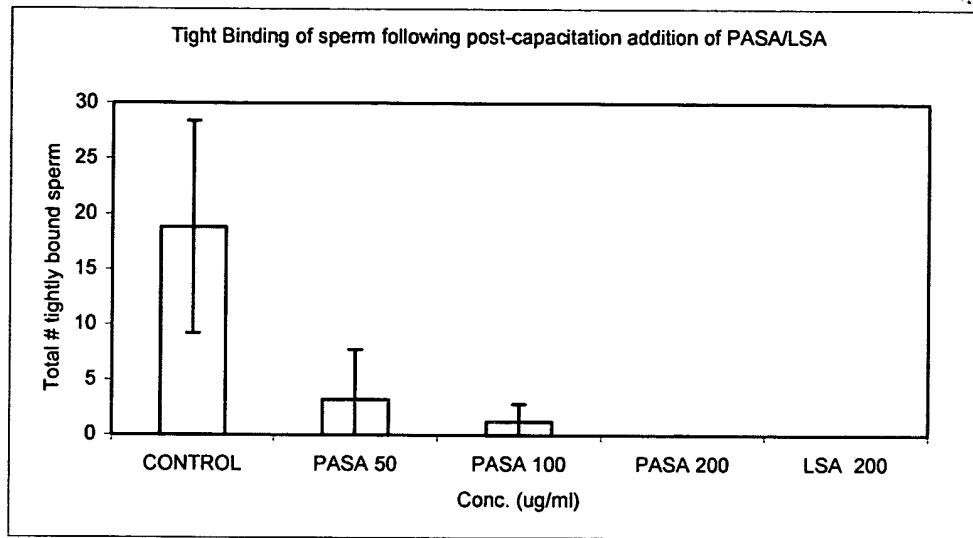
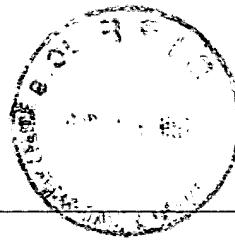
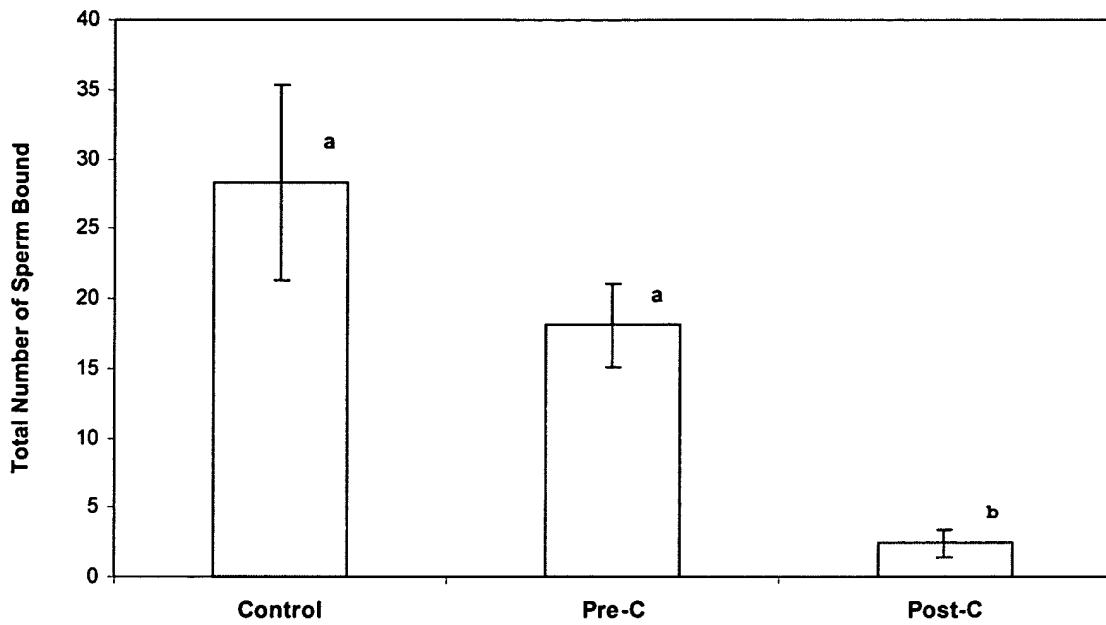


Figure 4



Effect of pre-capacitation (Pre-C) and post capacitation (Post-C) sperm treatment with Fucoidin on zona pellucida binding. N=4.



## Figure 5

IVF with sperm treated with 1.5 mg/ml LSA ; Pre-Wash (PW) and Post-Capacitation (PC). Sperm concentration = 500,000 motile/ml.  
4-5 Oocytes per treatment.

Female	Male	Fertilization Rates (%)		
		Control	PW	PC
29082	361	80	0	0
29230	776	40	0	0
29877	776	100	0	0
28541	70	40	0	0
Mean		65.0	0	0
SEM		17	0	0

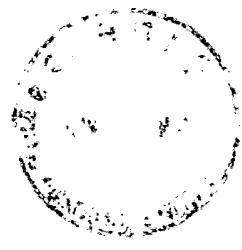
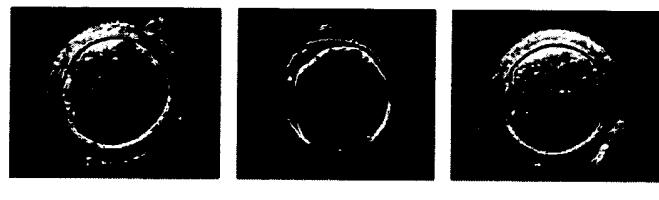
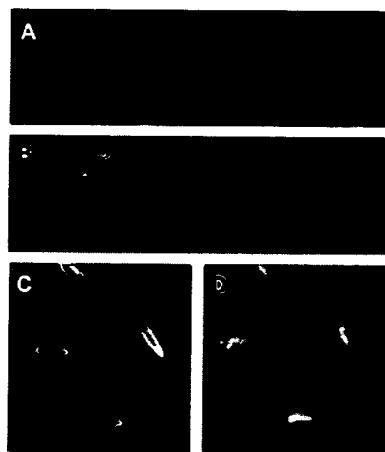


Figure 6



A                    B                    C

Figure 7



1000x2000mm